

Test Laboratory: Compliance Certification Services

PCS Band - Edge position

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: DCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS L-ch/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.050 mW/g

GPRS L-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

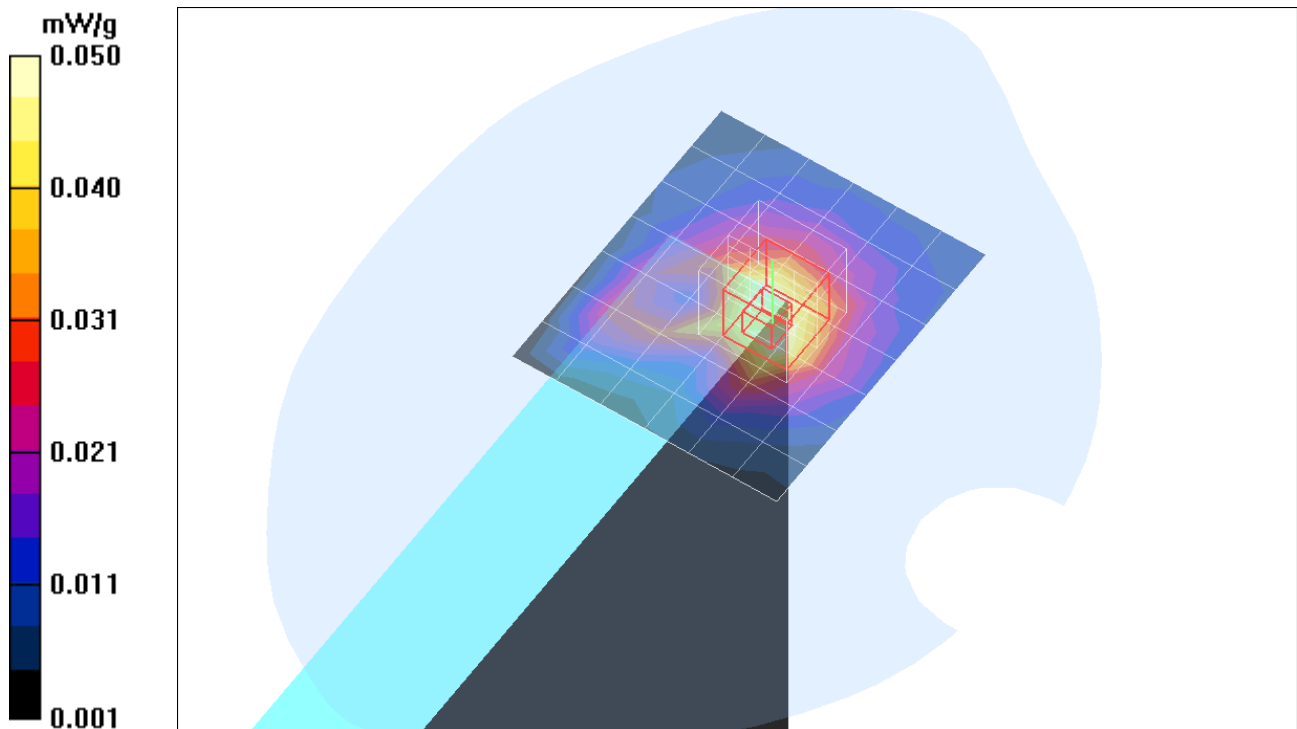
Reference Value = 6.71 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.092 W/kg

SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.033 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.061 mW/g



Test Laboratory: Compliance Certification Services

PCS Band - Edge position

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS M-ch/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.065 mW/g

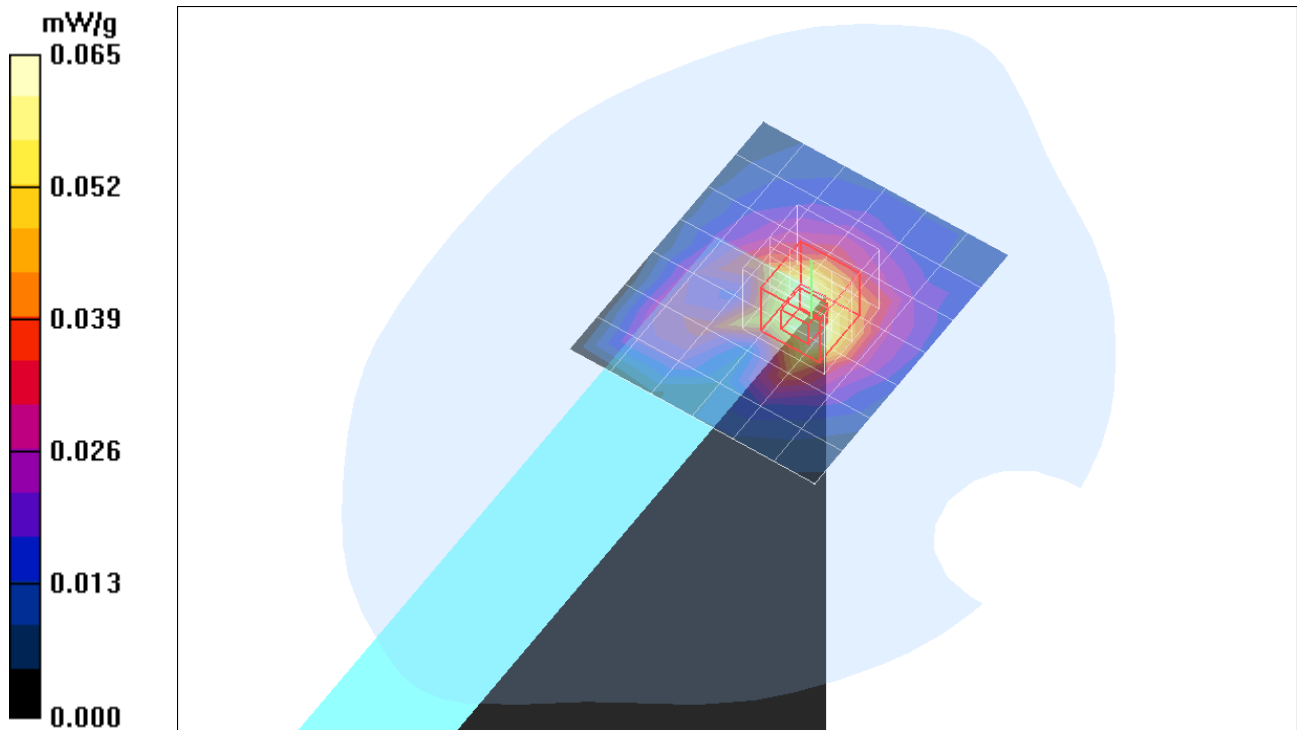
GPRS M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.37 V/m; Power Drift = 0.107 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.078 mW/g



Test Laboratory: Compliance Certification Services

PCS Band - Edge position

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: DCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS H-ch/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.065 mW/g

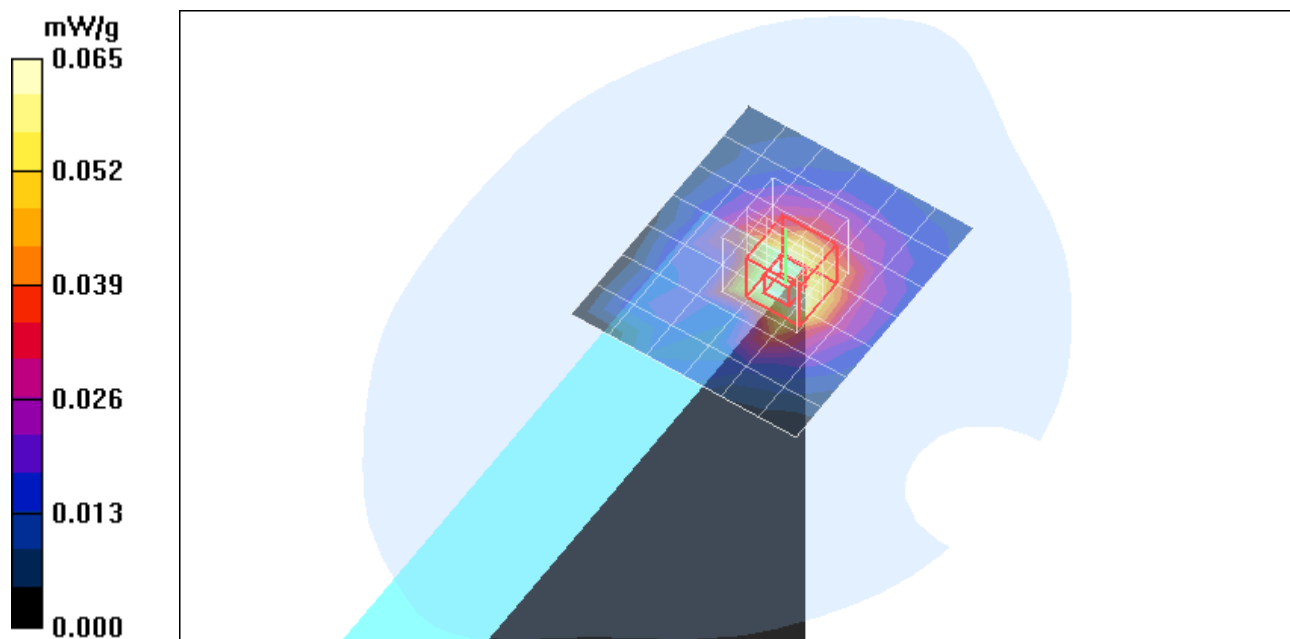
GPRS H-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.43 V/m; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 0.123 W/kg

SAR(1 g) = 0.076 mW/g; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.086 mW/g



Test Laboratory: Compliance Certification Services

PCS Band - Edge position

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: DCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS H-ch (Co-Tx w/ BT and WLAN 2.4GHz band)/Area Scan (7x8x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.068 mW/g

GPRS H-ch (Co-Tx w/ BT and WLAN 2.4GHz band)/Zoom Scan (5x5x7)/Cube 0:

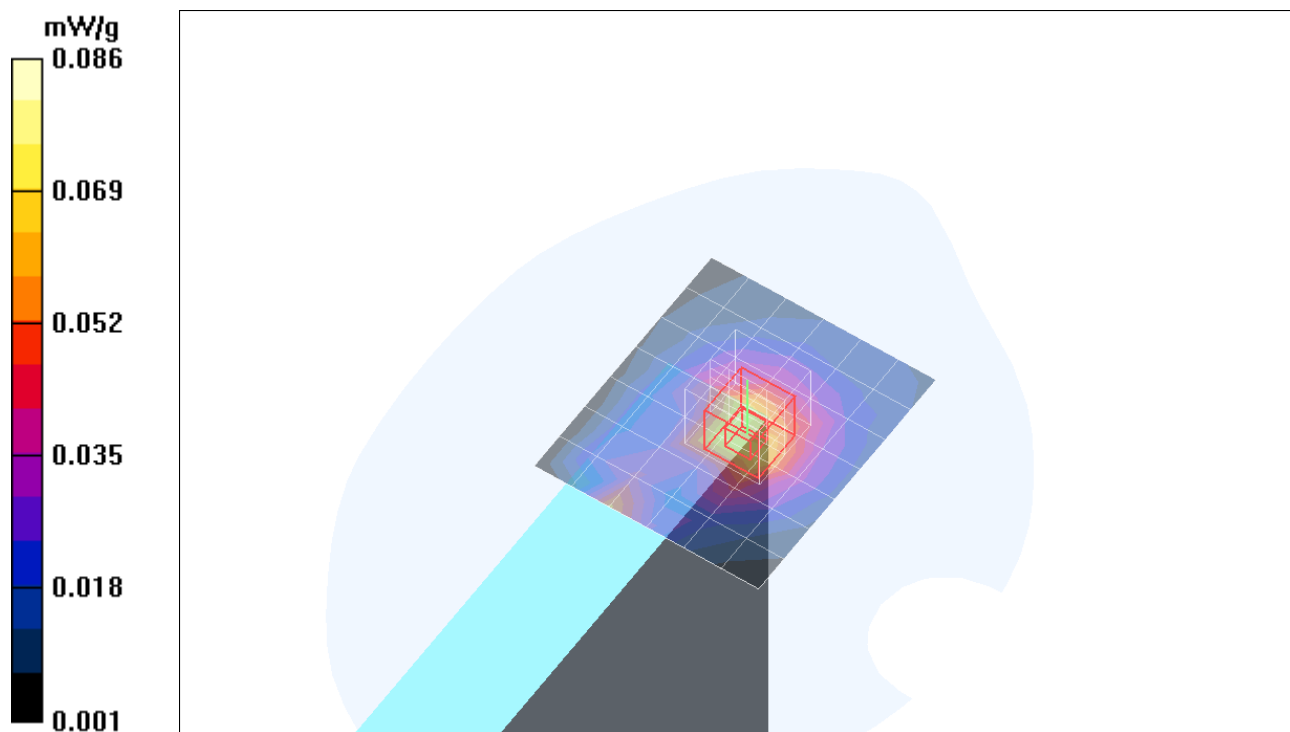
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.90 V/m; Power Drift = -0.182 dB

Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.086 mW/g



Test Laboratory: Compliance Certification Services

PCS Band - Edge position

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: DCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS H-ch (Co-Tx w/ BT and WLAN 5GHz band)/Area Scan (7x8x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.069 mW/g

GPRS H-ch (Co-Tx w/ BT and WLAN 5GHz band)/Zoom Scan (5x5x7)/Cube 0:

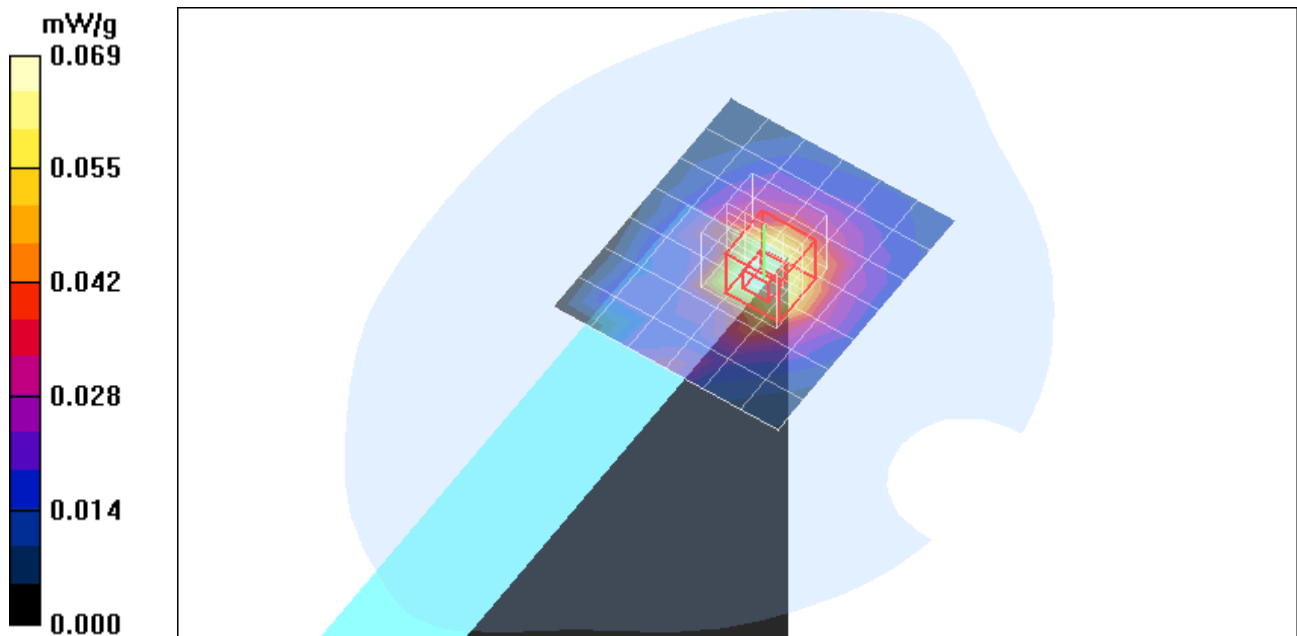
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 7.81 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 0.136 W/kg

SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.044 mW/g

Maximum value of SAR (measured) = 0.087 mW/g



Test Laboratory: Compliance Certification Services

PCS Band - Edge position

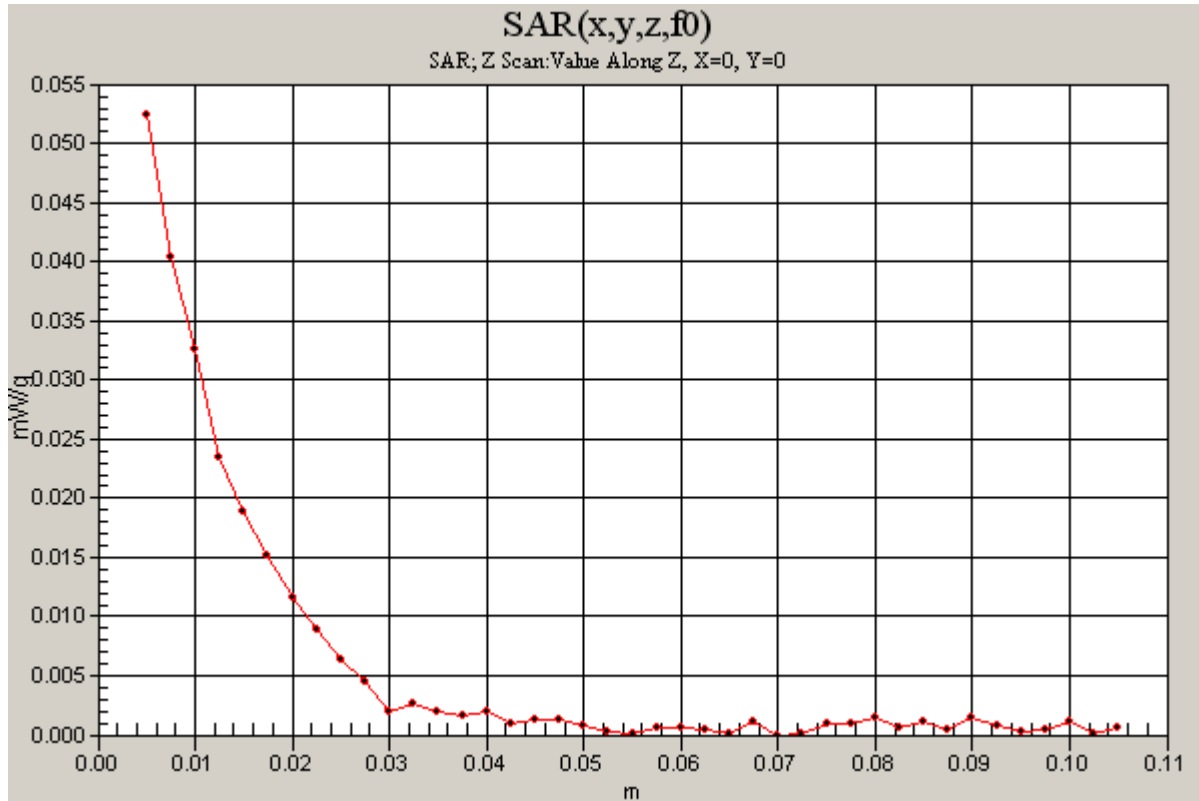
DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: DCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4

GPRS H-ch (Co-Tx w/ BT and WLAN 5GHz band)/Z Scan (1x1x41): Measurement grid:

dx=20mm, dy=20mm, dz=2.5mm

Maximum value of SAR (measured) = 0.052 mW/g



Test Laboratory: Compliance Certification Services

PCS Band - Edge position

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

EGPRS M-ch/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.034 mW/g

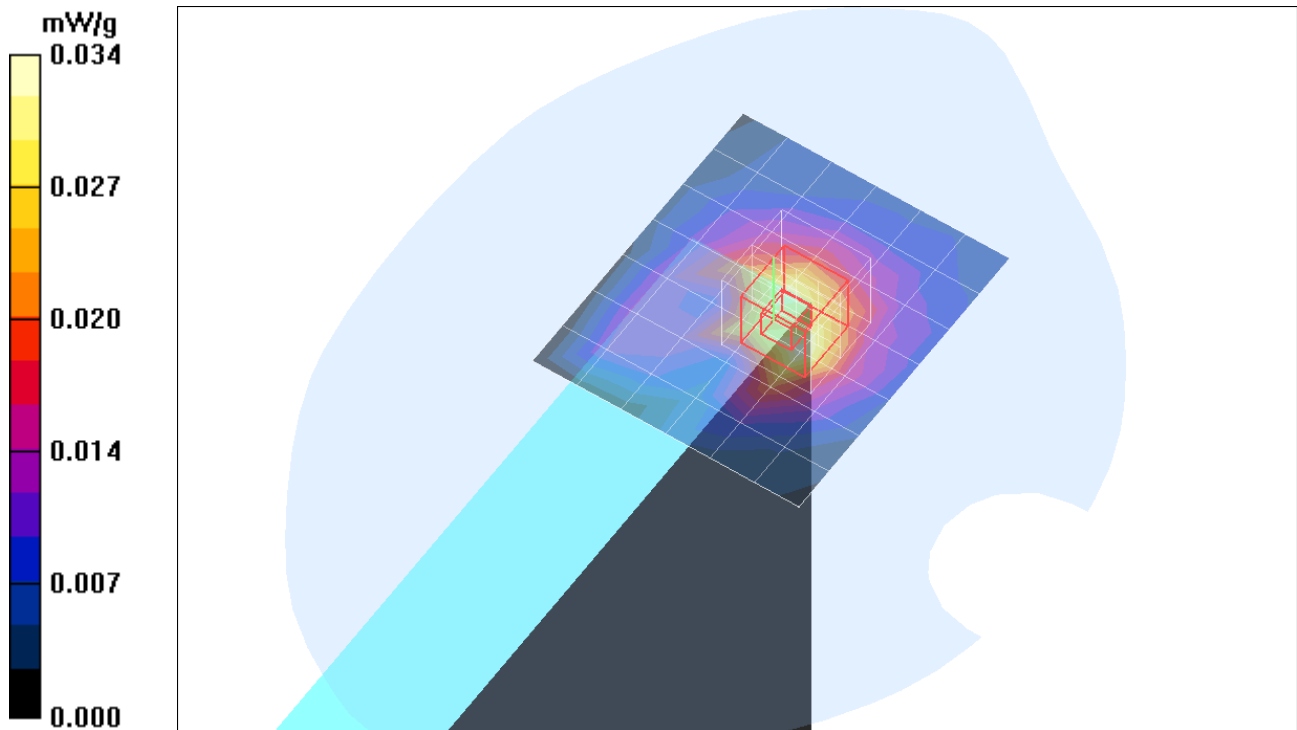
EGPRS M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 5.37 V/m; Power Drift = 0.108 dB

Peak SAR (extrapolated) = 0.057 W/kg

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.040 mW/g



Test Laboratory: Compliance Certification Services

PCS Band - Lap Held

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: DCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.43$ mho/m; $\epsilon_r = 55.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS L-ch/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.041 mW/g

GPRS L-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

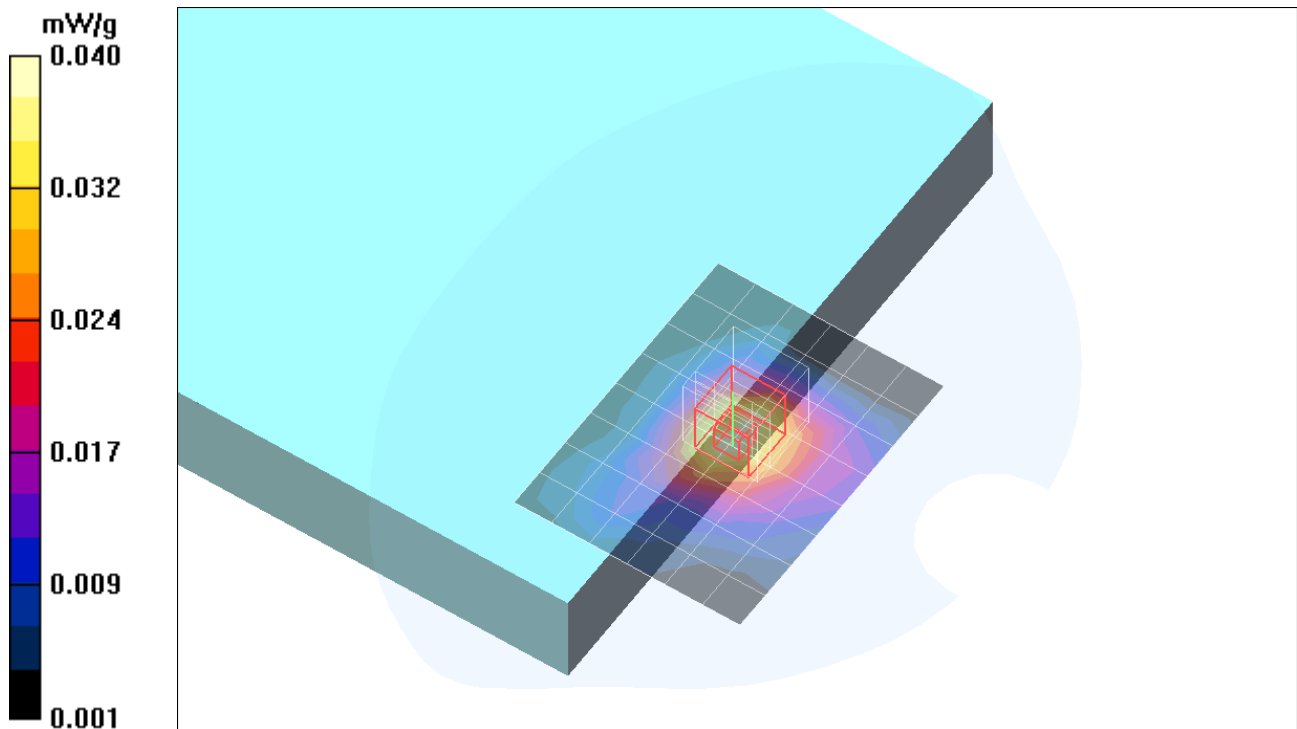
Reference Value = 4.55 V/m; Power Drift = -0.107 dB

Peak SAR (extrapolated) = 0.054 W/kg

SAR(1 g) = 0.037 mW/g; SAR(10 g) = 0.024 mW/g

[Info: Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 0.040 mW/g



Test Laboratory: Compliance Certification Services

PCS Band - Lap Held

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS M-ch/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.051 mW/g

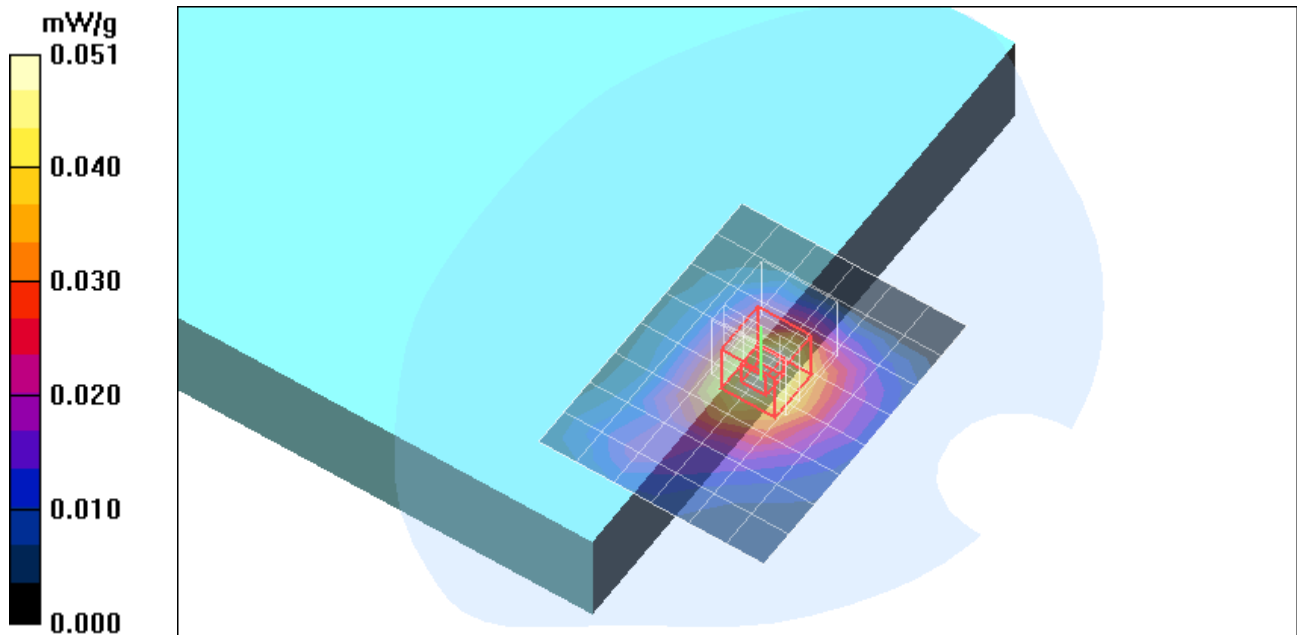
GPRS M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 5.16 V/m; Power Drift = -0.105 dB

Peak SAR (extrapolated) = 0.072 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.052 mW/g



Test Laboratory: Compliance Certification Services

PCS Band - Lap Held

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: DCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS H-ch/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.052 mW/g

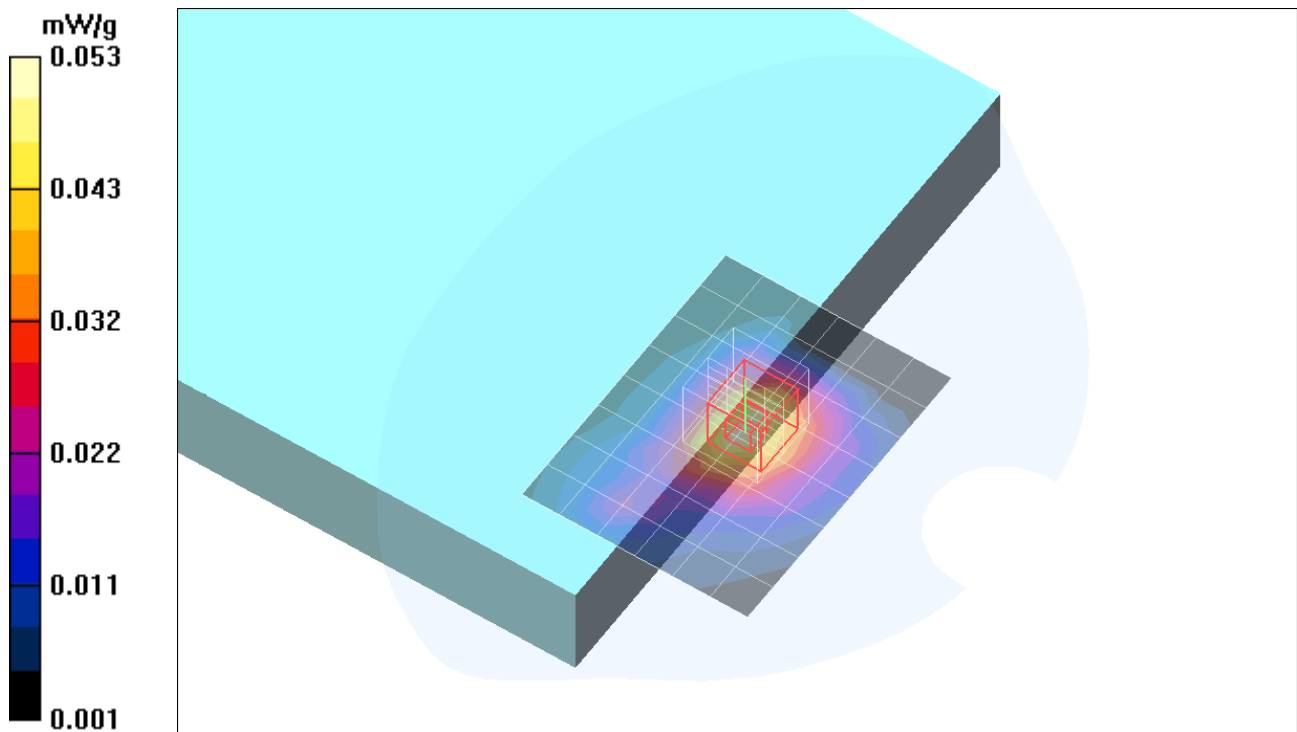
GPRS H-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 4.94 V/m; Power Drift = -0.109 dB

Peak SAR (extrapolated) = 0.072 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.053 mW/g



Test Laboratory: Compliance Certification Services

PCS Band - Lap Held

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: DCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS H-ch collocation with BT and WLAN @ 2.4 GHz/Area Scan (7x9x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.055 mW/g

GPRS H-ch collocation with BT and WLAN @ 2.4 GHz/Zoom Scan (5x5x7)/Cube 0:

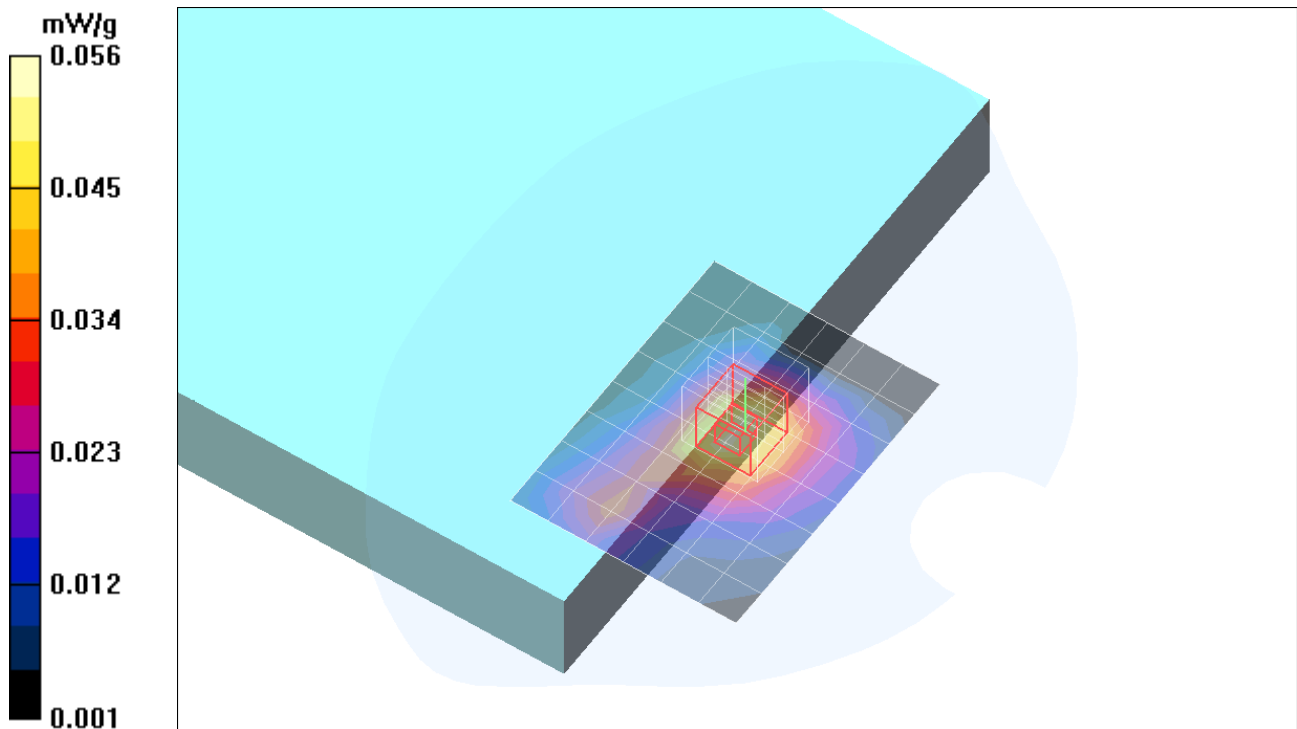
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 5.21 V/m; Power Drift = -0.110 dB

Peak SAR (extrapolated) = 0.078 W/kg

SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.033 mW/g

Maximum value of SAR (measured) = 0.056 mW/g



Test Laboratory: Compliance Certification Services

PCS Band - Lap Held

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: DCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1910$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

GPRS H-ch collocation with BT and WLAN @ 5 GHz/Area Scan (7x9x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.051 mW/g

GPRS H-ch collocation with BT and WLAN @ 5 GHz/Zoom Scan (5x5x7)/Cube 0:

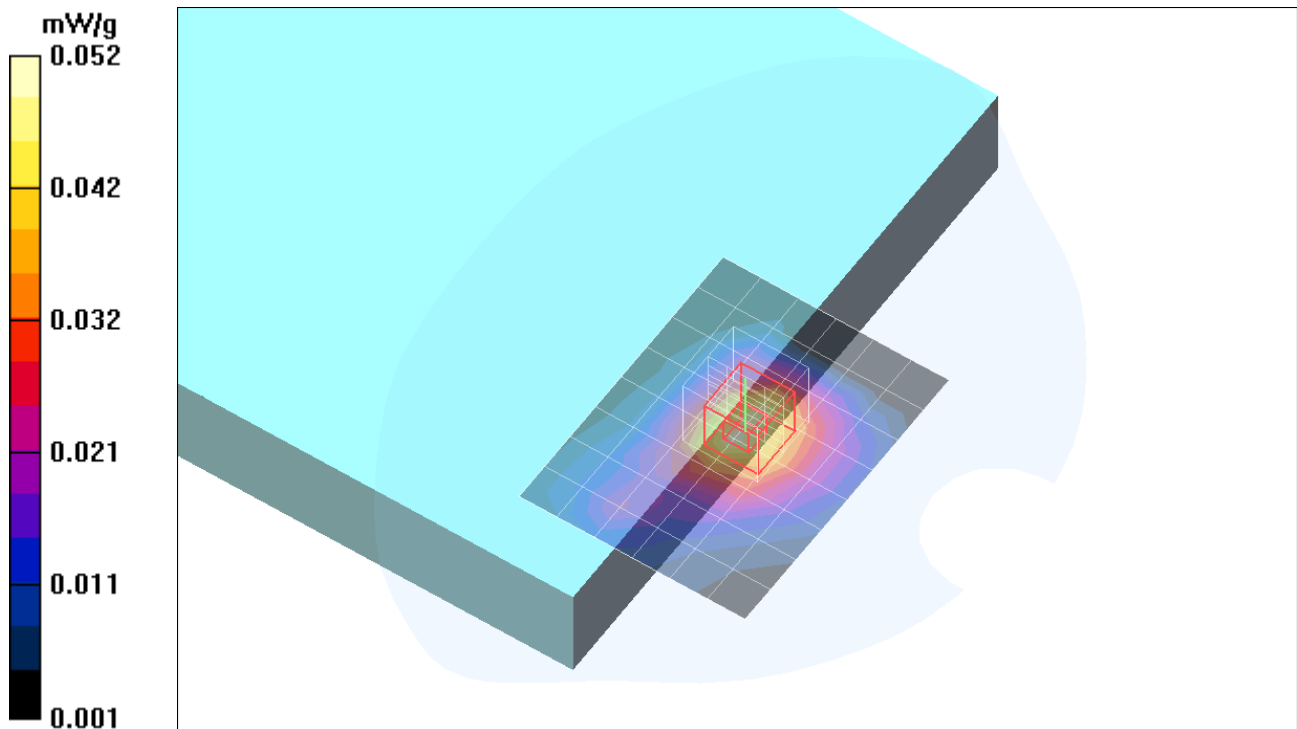
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 4.99 V/m; Power Drift = -0.138 dB

Peak SAR (extrapolated) = 0.074 W/kg

SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.052 mW/g



Test Laboratory: Compliance Certification Services

PCS Band - Lap Held

DUT: Toshiba ; Type: N/A; Serial: N/A

Communication System: DCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.47$ mho/m; $\epsilon_r = 55.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 23.0deg. C; Liquid Temperature: 22.0 deg. C

DASY4 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3552; ConvF(7.6, 7.6, 7.6); Calibrated: 5/30/2006
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 SN558; Calibrated: 1/20/2006
- Phantom: SAM 2; Type: SAM 2; Serial: 1050
- Measurement SW: DASY4, V4.7 Build 44; Postprocessing SW: SEMCAD, V1.8 Build 171

EGPRS M-ch/Area Scan (11x18x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.041 mW/g

EGPRS M-ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 4.60 V/m; Power Drift = -0.111 dB

Peak SAR (extrapolated) = 0.039 W/kg

SAR(1 g) = 0.025 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.027 mW/g

